

LUWEI PHARMACEUTICAL GROUP CO LTD.

SHUANGFENG INDUSTRIAL PARK ZICHUAN DISTRICT ZIBO CITY SHANDONG CHINA.

CERTIFICATE OF ANALYSIS

LWPC-3C1-26-01-055		Date: 3 JAN,2026	
Product Name		ASCORBIC ACID	
Analysis Standard		BP/USP/EP/E300	
Batch No.		3260111049	
Quantity		18000kgs	
Manufacture Date		JAN 2026	
Expiry Date		DEC 2029	
Net/Gross Weight		25.0kgs/26.3kgs	
Analysis Contents		Analysis Standard	Analysis Results
Characteristics		White or almost White crystals Crystalline Powder	Pass
Identification		Positive Reaction	Positive
Melting Point		About 190°C	190.9°C
PH (5% aqueous solution)		2.1-2.6	2.35
PH (2% aqueous solution)		2.4-2.8	2.55
Clarity Of Solution		Clear	Clear
Colour Of Solution		≤BY ₇	<BY ₇
Copper		≤5ppm	<5ppm
Heavy Metals		≤10ppm	<10ppm
*Mercury		<0.1mg/kg	<0.1mg/kg
Lead		<2ppm	<2ppm
Arsenic		≤3ppm	<3ppm
*Cadmium(Cd)		<1mg/kg	<1mg/kg
Oxalic Acid		≤0.2%	<0.2%
Iron		≤2ppm	<2ppm
Loss of Drying		≤0.4%	<0.4%
Sulphate Ash(Residue On Ignition)		≤0.1%	<0.1%
Specific Optical Rotation		+20.5° - +21.5°	+20.90°
Organic Volatile Impurities		Pass	Pass
*Impurity E		≤0.2%	<0.2%
*Related Substances	Impurity C	<0.15%	<0.15%
	Impurity D	<0.15%	<0.15%
	Unspecified	<0.1%	<0.1%
	Total	<0.2%	<0.2%
Total Plate Count		100 cfu/g max	
E-coli		Negative	
Yeast and Mold		100 cfu/g max	
Pseudomonas		Negative	
Staphylococcus		Negative	
Salmonella		Negative	
Colour reaction		Pass test	
Reducing reaction		Pass test	
Assay		99.0%-100.5%	99.67%
Conclusion		The Above-Mentioned Product Conforms To BP/USP/EP/E300	

Approved by:Fengchunxiao

Rechecker:Jia jinfeng

Tester:Liping

For and on behalf of
鲁维制药集团有限公司
 LUWEI PHARMACEUTICAL GROUP CO., LTD

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Authorized Signature(S)